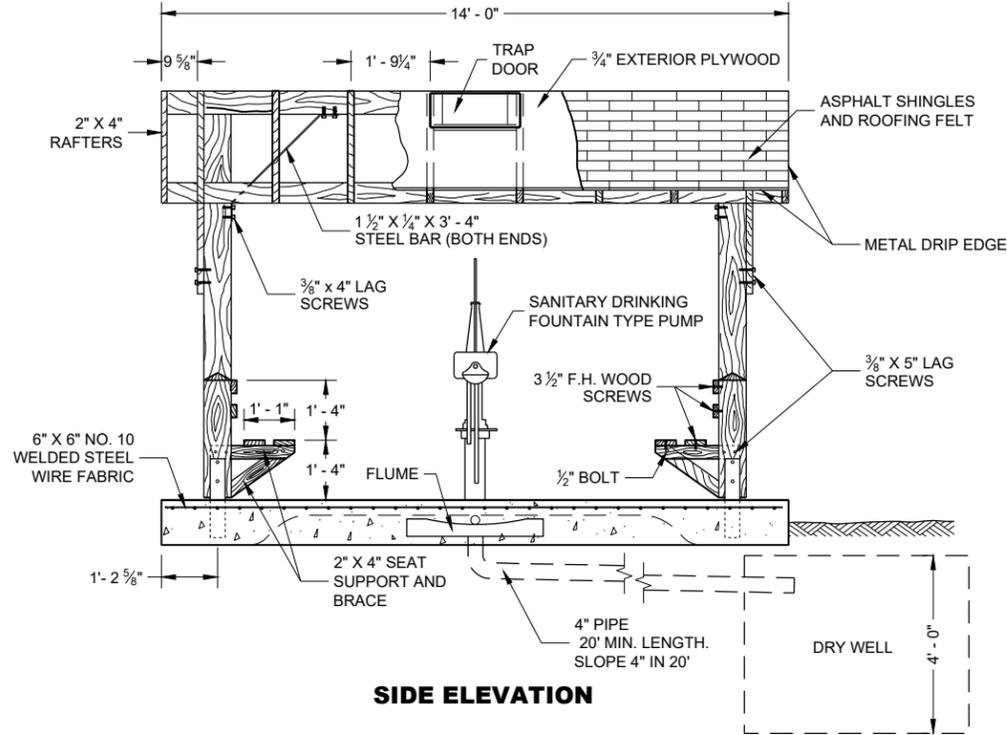
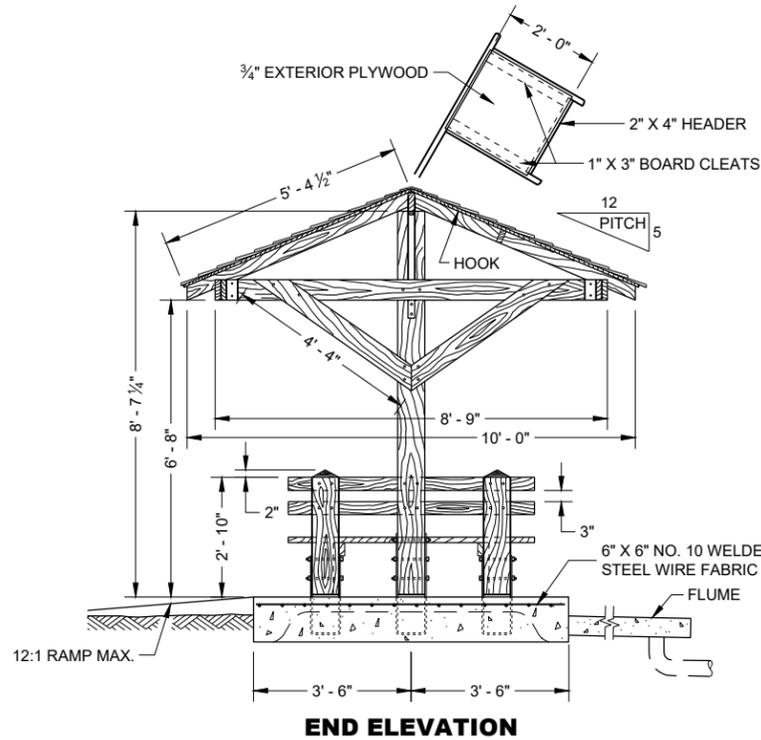


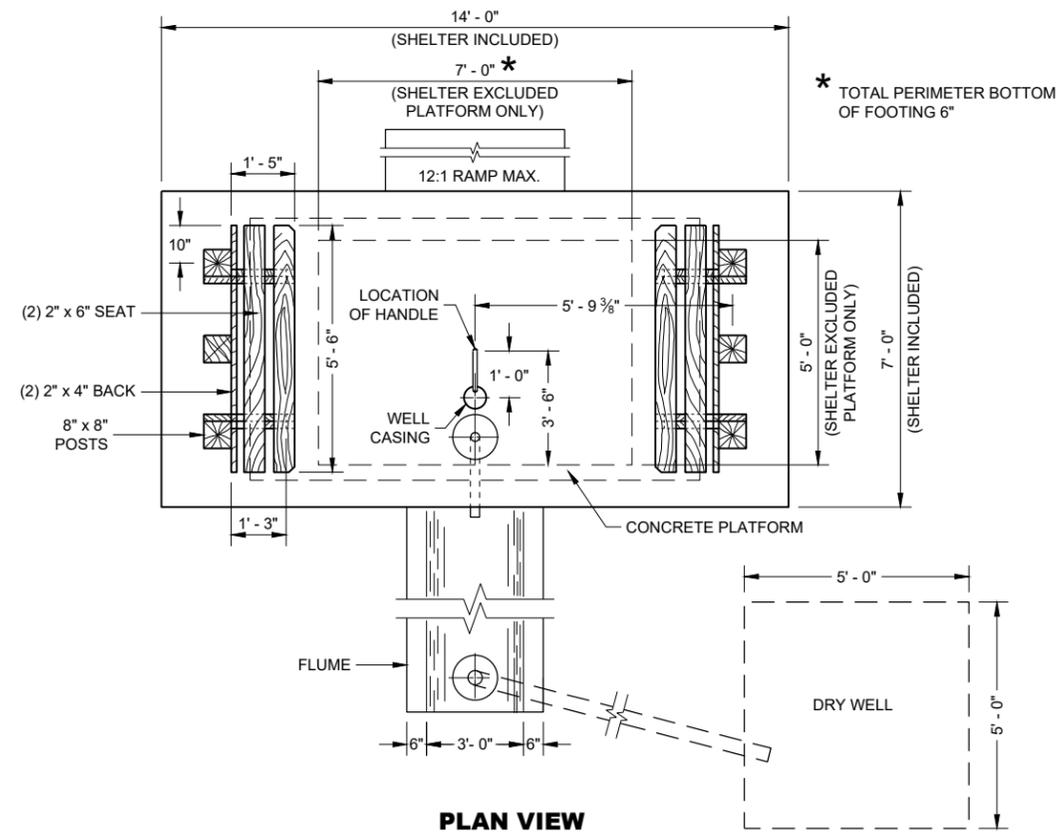
SDD 14C06-a Wayside Well Shelter and Pump and Well Platform



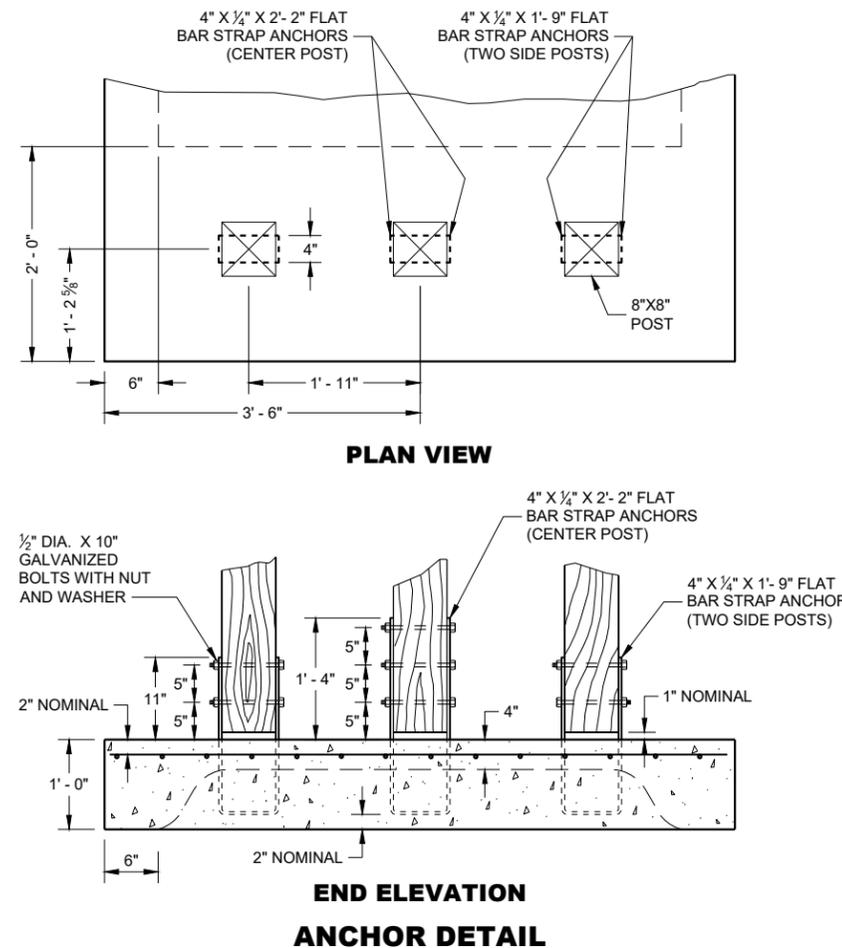
SIDE ELEVATION



END ELEVATION



**PLAN VIEW
WAYSIDE WELL SHELTER**



**ANCHOR DETAIL
END ELEVATION**

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE APPLICABLE SPECIAL PROVISIONS.

THE BILL OF MATERIALS SHALL BE INCLUDED IN THE PROPOSAL.

PUMP AND WELL PLATFORM

METHOD OF HANDLING DRAINAGE SHALL BE DETERMINED IN FIELD BY THE ENGINEER.

- a. IN SANDY OR GRAVELLY AREAS OR SITES WITH GOOD NATURAL DRAINAGE, LEAVE END OF FLUME OPEN, OMIT DRAIN, SOIL PIPE AND DRY WELL. ALLOW WATER TO FLOW OVER NATURAL GRADE.
- b. IF FEASIBLE, EXTEND PIPE TO A NATURAL DRAINAGE POINT OR DITCH
- c. IN ALL OTHER CASES CONSTRUCT DRY WELL AS INDICATED. DRY WELL SHALL BE FILLED WITH NO. 2 (AS DEFINED IN STANDARD SPECIFICATIONS) COARSE AGGREGATE.

THE PUMP SHALL BE INSTALLED ACCORDING TO STANDARD SPEC 639.

- a. USE 5'-0" X 7'-0" PLATFORM WHEN OVERHEAD SHELTER IS NOT PART OF CONTRACT.
- b. USE 7'-0" X 14'-0" PLATFORM WITH OVERHEAD SHELTER.

SHELTER

ALL DIMENSIONS ARE NOMINAL

LARGE SIZE WASHERS SHALL BE USED WITH EACH CARRIAGE BOLT AT EACH END. 1/2" BOLTS SHALL HAVE LOCK WASHERS AND THREADS BATTERED AFTER NUTS ARE TIGHTENED.

SHELTER TO BE LOCATED SO THAT TRAP DOOR IS DIRECTLY OVER PUMP TO FACILITATE PULLING PUMP, IF REQUIRED.

TIMBER POSTS SHALL BE FURNISHED AND PLACED IN ACCORDANCE WITH THE SECTION OF THE STANDARD SPEC 615.

ROOFING SHALL BE ASPHALT SHINGLES, MINIMUM 235 LBS. PER 100 SQUARE FEET. 12 INCH, THICK-BUTT, DARK BROWN. ROOFING FELT SHALL BE STANDARD 15 LB. FELT.

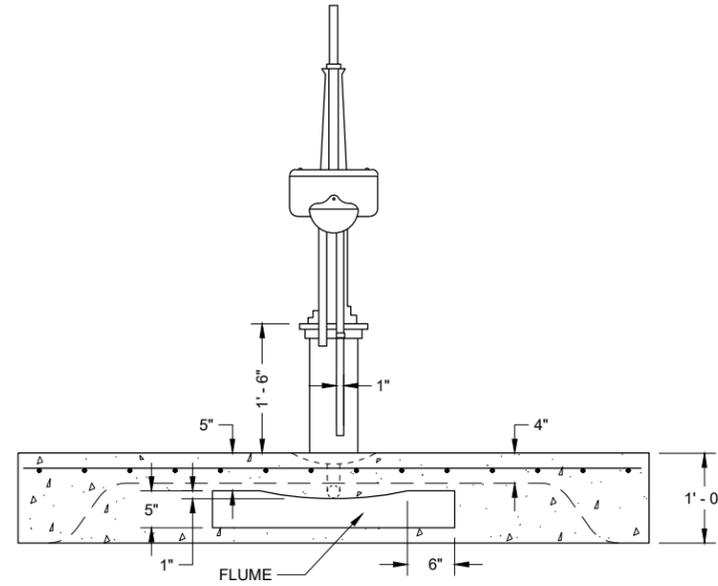
THE ABOVE GROUND PORTION OF THE SHELTER SHALL RECEIVE TWO COATS OF DARK BROWN STAIN CONFORMING TO THE SECTION OF THE STANDARD SPEC 517.

METAL BAR STRAP ANCHORS, METAL ROOF BRACING, AND METAL DRIP EDGE SHALL BE PAINTED DARK BROWN, WITH RUST INHIBITIVE PAINT. PAINTING SHALL BE DONE IN ACCORDANCE WITH THE SECTION OF THE STANDARD SPEC 517.

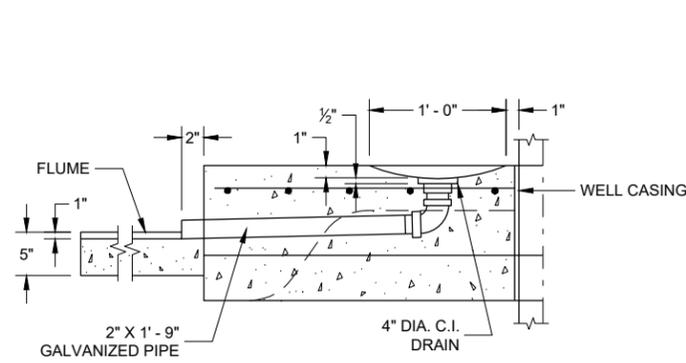
THE WELDED STEEL WIRE FABRIC SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE NOTED.

**WAYSIDE WELL SHELTER
AND PUMP AND WELL
PLATFORM**

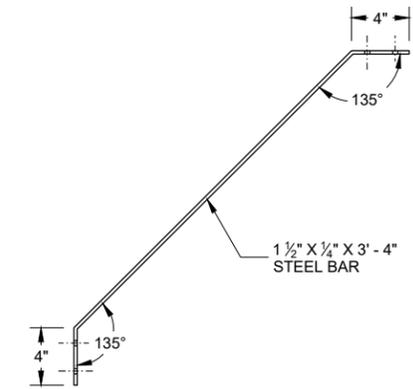
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



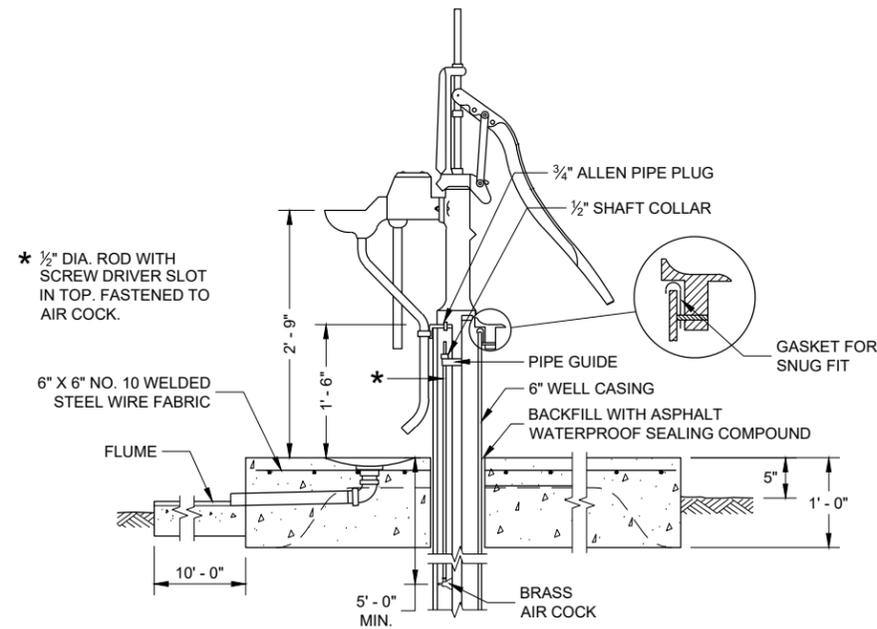
END VIEW



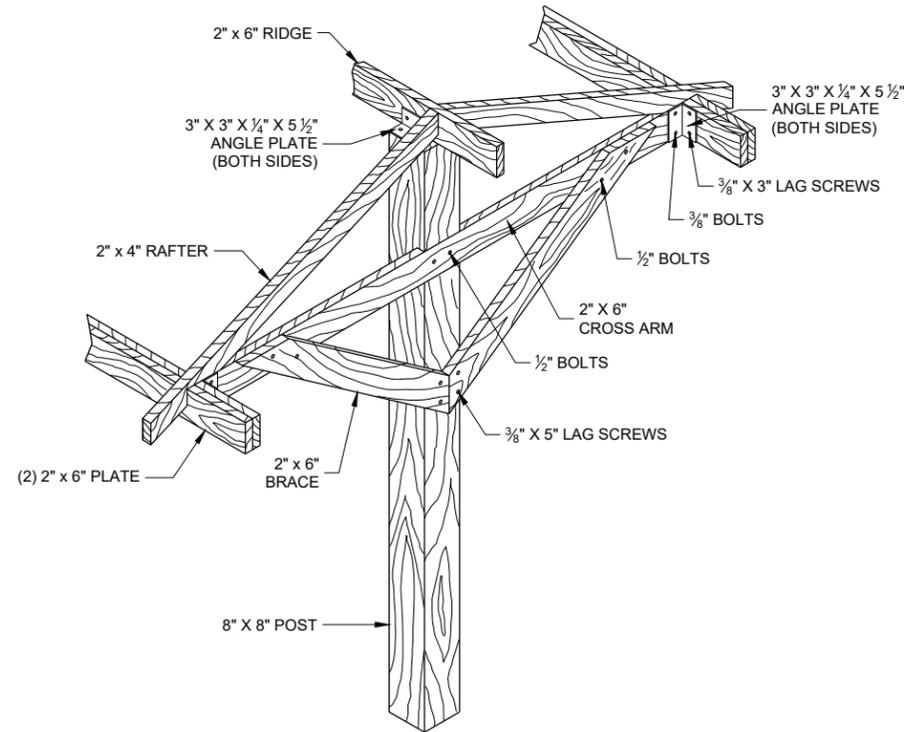
DRAIN DETAIL



STEEL BAR BENDING DETAIL



**SIDE VIEW
PUMP DETAIL**



ASSEMBLY DETAIL

**WAYSIDE WELL SHELTER
AND PUMP AND WELL
PLATFORM**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021 /S/ Joseph Coughlin
DATE ROADSIDE FACILITIES ENGINEER

Wayside Well Shelter and Pump and Well Platform

References:

NONE

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
SPV .0060	Wayside Well Shelter and Pump and Well Platform.....	EACH

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

Other SDDs associated with this drawing:

NONE

Design Notes:

Requires a Special Provision in order to provide a pay item for wayside well shelter installation.

Contact Person:

Joseph Coughlin (608) 261-8975